

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Thackeray et al.

U.S.S.N.: Not Yet Assigned

Art Unit: Not Yet Assigned

FILED: Herewith

Examiner: Not Yet Assigned

FOR: RADIATION SENSITIVE COMPOSITIONS AND METHODS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

It is respectfully requested that the Examiner carefully consider and make of record each of the documents cited herein. Cited Documents AA-AM, BA-BC and CA-CN were made of record in parent application Serial No. 10/457,195, filed on June 9, 2003, which application is a continuation application of application number 09/372,635 now granted as U.S. Patent No. 6,607,870 which application is a continuation application of application number 08/152,084 now granted as U.S. Patent No. 5,968,712, which application is a file wrapper continuation of application number 07/778,729, filed October 17, 1991, from which applications the present application claims priority.

**II. COPIES**

Submitted herewith is a legible copy of (i) each U.S and foreign patent or English abstract of foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed of the cited documents that were not previously cited in the parent applications.

Pursuant to 37 C.F.R. 1.98(d), Applicant is not required to furnish copies of the documents previously cited in the parent applications, although Applicant will promptly provide copies of any of the cited documents upon the Examiner's request.

**III. CONCISE EXPLANATION OF THE RELEVANCE**

All of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).

**FEES**

**IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)**

(check one box)

- a. ☒ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. ☐ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p).

**V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):**

(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. ☐ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. . § 1.17(p).
- or
- b. ☐ See the certification below. No fee is required.

**VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)**

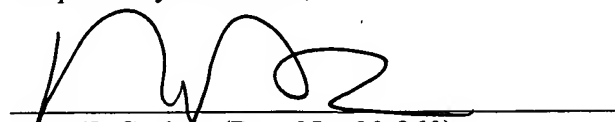
The undersigned hereby certifies that

- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS;  
or

- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
- c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
- ☐ Enclosed please find a check in the amount of \$\_\_\_\_\_ for the above indicated fee.
- ☐ Please charge Deposit Account No. 04-1105 in the amount of \$180.00 for the above-indicated fee. A triplicate copy of this paper is attached.
- ☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 04-1105.

Respectfully submitted,



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FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT				ATTY DOCKET NO.  39451-5C		SERIAL NO.  Not Yet Assigned	
				APPLICANT(S): Thackeray et al.			
				FILING DATE: Herewith		ART UNIT: Not Yet Assigned	
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
	AA	5,320,931	06/14/94	Umehara et al.			
	AB	5,087,547	02/11/92	Taylor et al.			
	AC	4,775,609	10/04/88	McFarland			
	AK	3,779,778	12/18/73	Smith et al.			
	AE	4,931,381	06/05/90	Spak et al.			
	AF	5,693,609	12/02/97	Baker et al.			
	AG	4,960,950	10/02/90	Durvasula			
	AH	4,810,613	03/07/89	Osuch et al.			
	AI	5,344,748	09/06/94	Feely			
	AJ	5,968,712	10/19/99	Thackeray et al.			
	AK	5,879,856	03/09/99	Thackeray et al.			
	AL	6,300,035	10/09/01	Thackeray et al.			
	AM	5,492,793	02/20/96	Breyta et al.			
	AN	6,607,870	08/19/2003	Thackeray et al.			
	AO	2003-0203310 A1	10/30/2003	Thackeray et al.			
	AP	2003-018657 A1	09/25/2003	Teng et al.			
	AO	09/219,468	12/23/98	Trefonas et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
	BA	0 211 350	02/25/87	Europe			
Examiner:				Date:			

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	BB	0 292 821	11/30/88	Europe			
	BC	0 419,147	03/27/91	Europe			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	CD	Roberts et al., "Basic Principles of Organic Chemistry", W.A. Benjamin, INC., NY (1964) pp. 880-881.					
	CB	R.C. Weast, ed. CRC Handbook of Chemistry & Physics, 52 ed., 1971-1972 Edition, p. D117.					
	CC	CRC Handbook of Chemistry & Physics, 63 <sup>rd</sup> Edition, (1982-1983), p. D172.					
	CD	Japanese Patent Application Laying Open (kokai) No. 2-296250, WPI Accession No. 91-031804 (12/06/90).					
	CE	Japanese Patent Application Laying Open (kokai) No. 1-300250 (12/4/89).					
	CF	Japanese Patent Application Laying Open (kokai) No. 2-118651 (5/2/90).					
	CG	Japanese Patent Application Laying Open (kokai) No. 63-149640, WPI Accession No. 88-215340 (6/22/88); and Patent and TM Office English Language Translation of JP 63-149640.					
	CH	Japanese Patent Application Laying Open (kokai) No. 63-149639 (6/22/88).					
	CI	Japanese Patent Application Laying Open (kokai) No. 63-149638 (6/22/88).					
	CJ	Japanese Patent Application Laying Open (kokai) No. 63-149637 (6/22/88).					
	CK	Japanese Patent Application Laying Open (kokai) No. 63-237053 (10/3/88).					
	CL	Japanese Patent Application No. 2-194147 (Laying Open (kokai) No. 4-80758) (3/13/92).					
	CM	Japanese Patent Application No. 2-159786 (Laying Open (kokai) No. 4-51243) (2/19/92).					
	CN	Japanese Patent Application No. 2-189209 (Laying Open (kokai) No. 4-75062)					
Examiner:				Date:			